

REMARKS

In the office action dated August 8, 2003, the Examiner took the following actions (1) objected to the drawings under 37 C.F.R. § 1.83(a); (2) objected to the abstract because it is greater than 150 words; (3) objected to the specification because it fails to provide proper antecedent basis for the claimed subject matter; (4) objected to claims 1-14 and 17 for informalities; (5) rejected claims 4, 7, 11 and 14 under 35 U.S.C. § 112 as failing to comply with the written description requirement; and (6) allowed claims 15-16 and 18-27.

As described in greater detail below, applicants are amending the specification, drawings, claims and abstract to place this application in condition for allowance. Applicants are addressing the objections to the drawings by adding reference numerals "36" and "38" in Figure 1, and changing reference numeral "82" to reference numeral "80" and Figure 3. Applicants are also adding a new Figure 4 to show the subject matter disclosed and the application as filed. As a result, no new matter is being added. Figure 4 shows the "complementary input/output line pairs" recited in claims four, seven, 11 and 14. Applicants request reconsideration of the requirement that the "first", "second" and "third control" signals be shown in the drawings because the signals are not elements or components of the claimed cache system. Instead, they are merely signals that are present in the claimed cache system.

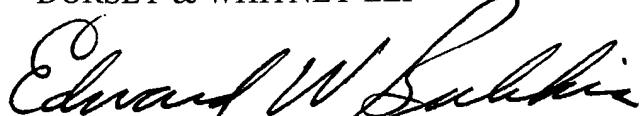
With respect to the specification objections, the abstract is being amended so it now contains less than 150 words. Further, the specification has been amended to describe the subject matter of original claims 4, 7, 11 and 14. This description of the subject matter of claims 4, 7, 11 and 14 with reference to new Figure 4 also obviates the rejection of those claims under 35 U.S.C. §112.

Finally, the objections to the claims have been obviated by amending the claims as suggested by the Examiner.

Insofar as the specification and claims are now in proper form, and all of the claims in the application, *i.e.*, claims 1-27, are clearly allowable, favorable consideration and a timely Notice of Allowance are earnestly solicited.

Respectfully submitted,

DORSEY & WHITNEY LLP



Edward W. Bulchis
Registration No. 26,847
Telephone No. (206) 903-8785

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Enclosures:

- Postcard
- Check
- Fee Transmittal Sheet (+ copy)
- 2 Annotated Sheets (Changes to Figs. 1 and 3)
- 2 Replacement Sheets (Figs. 1-4)

DORSEY & WHITNEY LLP
1420 Fifth Avenue, Suite 3400
Seattle, WA 98101-4010
(206) 903-8800 (telephone)
(206) 903-8820 (fax)

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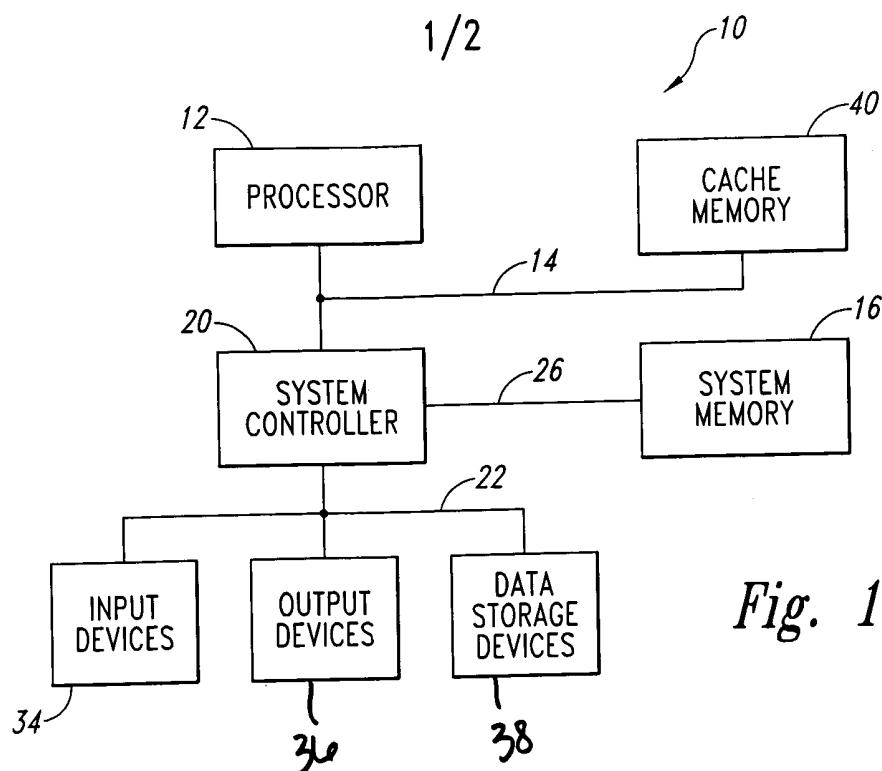


Fig. 1

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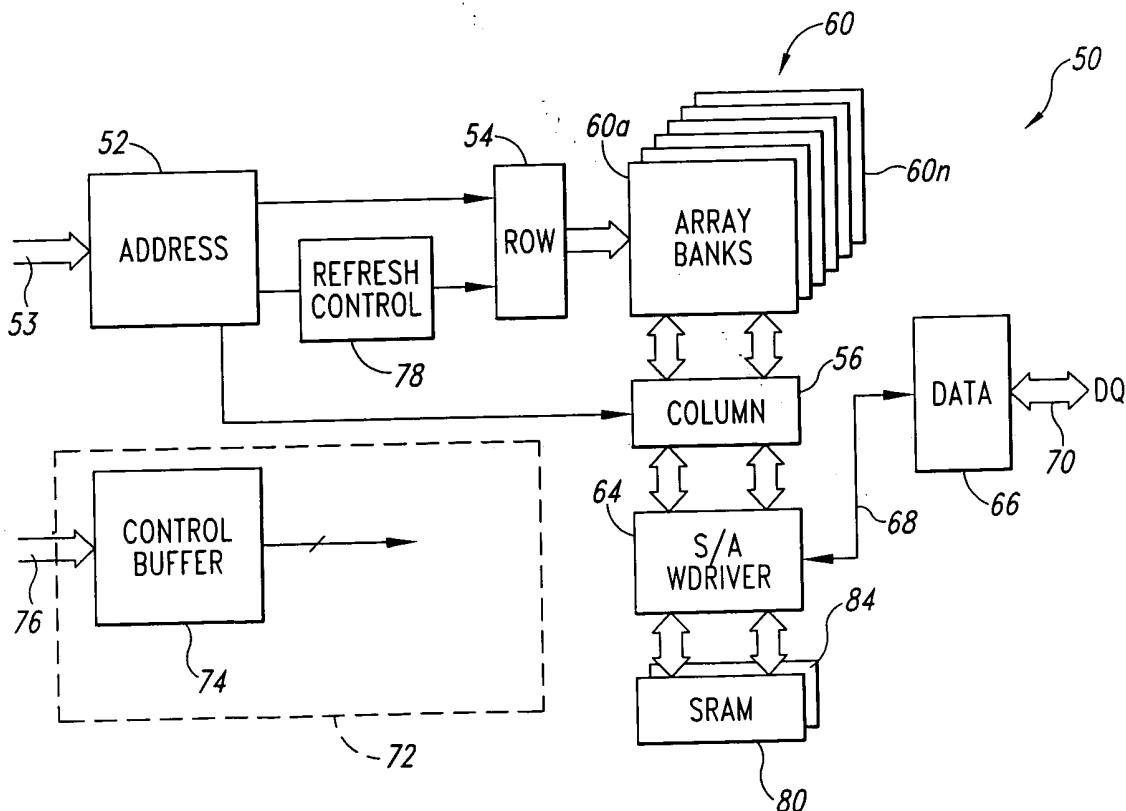


Fig. 2



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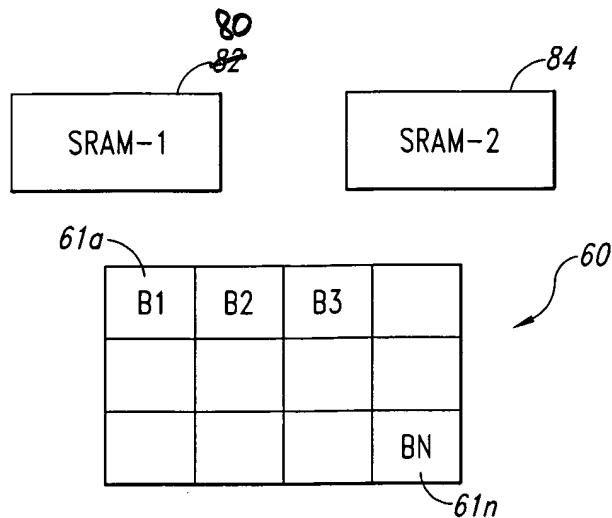


Fig. 3

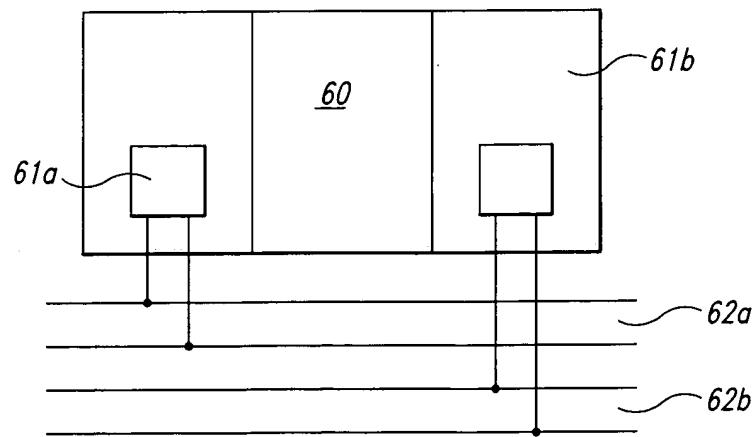


Fig. 4